

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

ORDER 91-112

AMENDMENT TO ORDER NUMBER 90-114
SITE CLEANUP REQUIREMENTS FOR:

PETERBILT MOTORS COMPANY
38801 CHERRY STREET
NEWARK, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. **SITE DESCRIPTION.** Peterbilt Motors Company (hereinafter called the Discharger) operated a truck manufacturing plant at 38801 Cherry Street in Newark, California from 1962 until October of 1986. At this 36 acre site, chemicals which were stored and/or used include diesel fuel, gasoline, organic solvents, paints, and other organic chemicals. Peterbilt has identified six areas of environmental concern as follows:
 - underground storage tanks (Area 1)
 - pipeline/utility conduits (Area 2)
 - aboveground tank farm/wastewater treatment plant (Area 3)
 - hydraulic lift pit (Area 4)
 - oil spill (Area 5)
 - surface impoundment/waste evaporation ponds (Area 6)
2. **STATUS OF INVESTIGATIONS.** Investigative activities completed to date include collection and analysis of numerous soil and groundwater samples and a groundwater pump test. Remedial activities completed to date include closure of Areas 3 and 6; excavation of underground tanks, hydraulic lifts, piping and/or soil in Areas 1, 4, and 5; performance of a pilot test for above ground and in situ biodegradation of chemicals; and destruction of three potential conduits (two abandoned agricultural wells and one former drainage well). In addition, a groundwater extraction well has been installed and alternate treatment technologies are under bench scale study. Peterbilt plans to complete soil excavation in Area 2 by November 1991. Treatment of the excavated soil via volatilization and bioremediation is anticipated immediately following excavation.

3. **COMPLIANCE WITH ORDER 90-114**. The discharger was in compliance with Order 90-114 until February 15, 1991. The discharger is currently not in compliance with Provisions C.1.f and C.1.h. The discharger has submitted status reports before the deadlines specified by Provisions C.1.f and C.1.h documenting partial compliance.

Provision C.1.f requires a report documenting implementation of recommended shallow zone interim remedial actions. The discharger has selected a pump and treat system for remediating groundwater contamination and has already installed the extraction well. Initiating groundwater treatment has been delayed by the discovery of inorganic constituents including iron and manganese. This discovery required a reevaluation of the treatment technologies.

Provision C.1.h requires a shallow zone cleanup plan/feasibility study. Data from the interim groundwater treatment system is an integral part of evaluating cleanup options. As the interim system has been delayed, the discharger is unable to complete the feasibility study.

4. **SCOPE OF THIS ORDER** - This Order proposes to amend due dates for some tasks required under Board Order 90-114 due to delays as cited in finding 3 above. The delays directly impact compliance with Provision C.1.j thereby necessitating its amendment also. All Prohibitions, Specifications and Provisions of Order 90-114 shall remain in force with amended due dates as specified in the revised provisions.
5. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to Section 13304 of the California Water Code, that the Discharger shall comply with the following:

C. **AMENDED PROVISIONS**

1. The discharger shall comply with the Prohibitions and Specifications of Order 90-114, in accordance with the following amended time schedule and tasks:

TASKS AND COMPLETION DATES

- f. TASK: IMPLEMENTATION OF RECOMMENDED SHALLOW ZONE INTERIM REMEDIAL ACTIONS

COMPLETION DATE: Changed from February 15, 1991 to September 1, 1991

h. TASK: SHALLOW ZONE CLEANUP PLAN/FEASIBILITY STUDY

COMPLETION DATE: Changed from May 15, 1991 to January 15, 1992

j. TASK: IMPLEMENTATION OF SHALLOW ZONE REMEDIAL ALTERNATIVE(S)

COMPLETION DATE: Changed from November 15, 1991 to 180 Days after Executive Officer Approves Shallow Zone Cleanup Plan/Feasibility

4. The Discharger shall comply with Provision 4, previously unused.

MONTHLY REPORTS: On a monthly basis, by the fifteenth day of each month beginning August 15, 1991, the Discharger shall submit a report of its progress towards implementing the shallow zone remedial alternative(s), specified in C.1.j. The report shall include, but not be limited to, a summary of work completed since the last report, status of permitting, a cumulative summary of groundwater extracted, any delays in the implementation schedule, and the work planned for the next month. Any noteworthy trends in groundwater quality, levels, or flow patterns should be included if they are relevant to the remediation program's overall effectiveness.

The report due in the month following the end of the quarter may be included with the quarterly report, the first of which is due October 15, 1991.

I, Steven R. Ritchie, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on July 17, 1991.



Steven R. Ritchie
Executive Officer